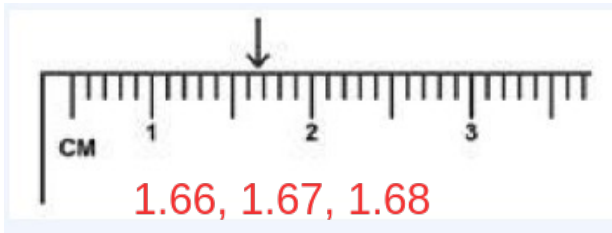
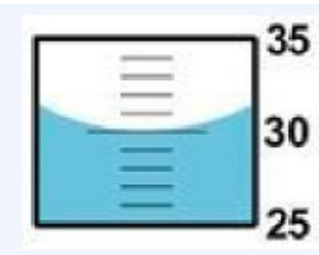
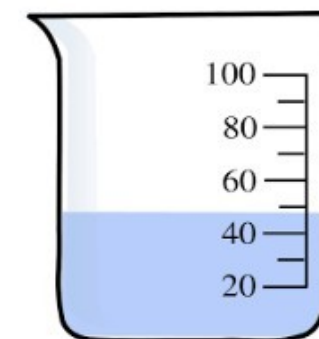
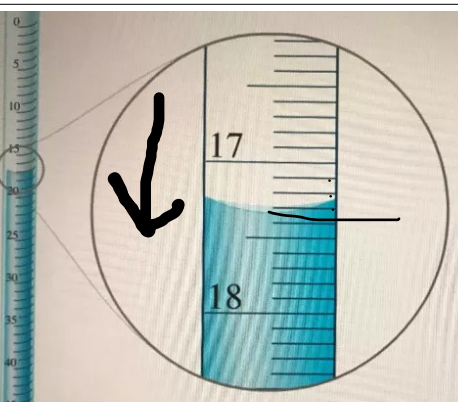


Name \_\_\_\_\_ Period \_\_\_\_\_

1. For each of the following measuring devices (a) Record the measurement (b) indicate the number of significant figures in the measurement (3) identify the uncertainty in the measurement			
Measuring device	Measurement	Significant Figures	Uncertainty
	1.68 cm	3	give or take 0.01
	30.0 mL 29.9 mL	3	give or take .1
	48 mL	2	give or take 1  +/- 1
	17.32 mL	4	+/- .01
			/12

If there is a decimal the zeros at the end of the number are significant  
 Zeros at the beginning of a number are NEVER significant

2. Identify the number of significant figures in each of the following measurements.			
(a) 301.200 g	(b) 0.01302 g	(c) 30000 g	(d) 80.00300 g
6	4	1	7
			/4

3. Round the following to the appropriate significant figures			
(a) 34.06 to the ones.	(b) 9.1999 to the hundredths	(c) 1.998 to the hundredths	(d) 48.9909 to the <u>tens</u>
34	9.20	2.00	50
			/4